

**BULLETIN NO. 41. U. S. DEPARTMENT
OF AGRICULTURE DIVISION OF
CHEMISTRY. REPORT ON THE EXTENT
AND CHARACTER OF FOOD AND
DRUG ADULTERATION**

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ALEX J. WEDDERBURN

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U. S. DEPARTMENT OF AGRICULTURE

DIVISION OF CHEMISTRY

Nov. 22, 94

REPORT
ON THE
EXTENT AND CHARACTER
OF
FOOD AND DRUG ADULTERATION

BY

ALEX. J. WEDDERBURN
SPECIAL AGENT

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U. S. DEPARTMENT OF AGRICULTURE
DIVISION OF CHEMISTRY
WASHINGTON, D. C.
MAY 10 1894

LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
DIVISION OF CHEMISTRY,
Washington, D. C., May 10, 1894.

SIR: I have the honor to present herewith, at your request, the manuscript, prepared by Mr. A. J. Wedderburn, special agent, embracing his third report on the extent and character of adulterations of food and drugs.

Very respectfully,

H. W. WILEY,
Chief of the Division of Chemistry.

Hon. J. STERLING MORTON,
Secretary.

LETTER OF SUBMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
DIVISION OF CHEMISTRY,
Washington, D. C., July 1, 1894.

SIR: In compliance with my commission as special agent to examine into the extent and character of food and drug adulterations, I have the honor to submit the following report. Increased interest in this subject, as shown by the great increase in correspondence, has compelled me to go over the old ground to a considerable extent, but I believe that new and interesting matter will be found herein. The character of my commission did not authorize investigation of the scientific phases of the subject which are so ably covered in the various parts of Bulletin No. 13, issued under your direction.

Very respectfully,

ALEX. J. WEDDERBURN,
Special Agent.

DR. H. W. WILEY,
Chemist of the U. S. Department of Agriculture.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather qualitative information, as well as the application of statistical software for quantitative analysis.

3. The third part describes the process of identifying and measuring key performance indicators (KPIs). It highlights the need to select metrics that are directly related to the organization's strategic goals and to establish clear targets for these indicators.

4. The fourth part details the implementation of a data-driven decision-making framework. This involves creating a structured process for reviewing data, identifying trends, and making informed choices based on the evidence presented.

5. The fifth part discusses the challenges and limitations of data analysis. It notes that while data provides valuable insights, it is not infallible and must be interpreted with care, taking into account potential biases and the quality of the data source.

6. The sixth part offers recommendations for improving the effectiveness of data analysis. These include investing in training for staff, ensuring data integrity, and fostering a culture of data literacy throughout the organization.

7. The seventh part concludes by summarizing the key findings and reiterating the importance of a continuous and iterative approach to data analysis. It stresses that the goal is not just to collect data, but to use it to drive meaningful change and improve organizational performance.

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